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3. Plant Introduction by the Garden Club

COOLIDGE

RARE PLANT GARDENS



ABOUT OUR GARDENS

The Coolidge Rare Plant Gardens was organized for the purpose of specializing in plants out of the ordinary. While we have a general stock of all kinds of fruiting and ornamental plants, we believe that we have many plants, that we have tested and proven very desirable, that are not generally found in other nurseries. We invite the closest inspection of our stock and grounds with the belief that we can interest you.

We have made a specialty of rare fruiting plants and wish to call your attention to our list of these fruits, and desire to call your particular attention to the Avocado, improperly called Alligator Pear, Feijoa Sellowiana, and Macadamia Ternifolia. These three plants possess so much merit that it seems to us no garden is complete without them, and it is a fact that they are engaging the attention of planters from a commercial standpoint.

We expect to grow 25,000 roses the coming year and will have among them all of the best new introductions as well as all of the old favorites. We are making a specialty of our Polyantha or baby roses. Some of the newer ones are particularly desirable for hedges.

Ferns are among our leading features. We have over 100 varieties of evergreen ferns, all of which are suitable for out-of-door planting in Southern California. We also have close to forty varieties of flowering and foliage begonias. Special rockery plants are another line that we are featuring, and have many desirable ones suitable for this artistic work. We have over twenty-five varieties of bamboos and many varieties of ornamental grasses.

In this brief catalogue, it is our purpose to mention only the rarer plants in the different classes, but we can give you the assurance that in our stock you will find practically everything that is desired for the garden, excepting bulbs and seeds, which we do not handle.

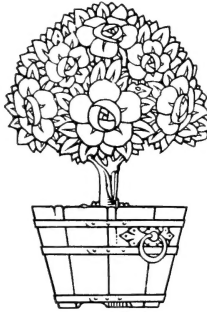
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Coolidge Rare Plant Gardens

(Incorporated)

Capital, \$20,000

Capital paid up, \$17,800



OFFICERS AND DIRECTORS

D. W. COOLIDGE, President and General Manager

A. E. DANIELL, Secretary and Treasurer

CHARLES RAY

H. S. BOICE K. T. WILCOX

Southwest corner of Colorado Street and Hill Avenue
PASADENA, CALIFORNIA

LIST OF RARE FRUITS

THE AVOCADO

It may seem to be making a strong statement to say that within the next quarter of a century the Avocado will rank with the orange as a commercial fruit in Southern California. But there is a foundation of fact underlying this statement, and the reasons seem sufficient, indeed, to warrant the belief that it may become even more important.

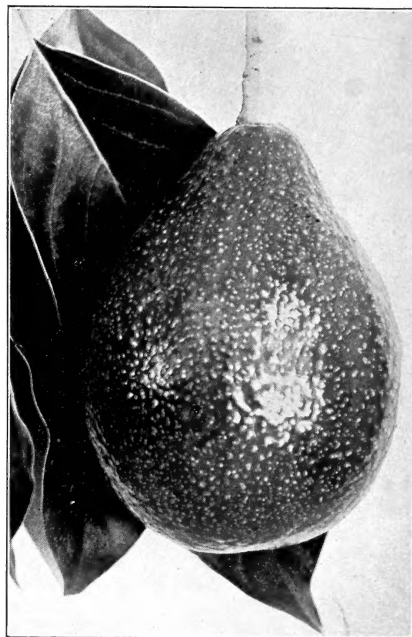
First, the adaptability of the Avocado to this climate has been proved beyond the possibility of a doubt. There are one hundred or more trees now bearing, ranging in age from three to twenty-five years, scattered over the southern end of the State from the cool sea coast to the hot and dry interior valleys. These trees embrace a number of widely different types, sizes and characters of fruits. This test of adaptability ought to be sufficient to satisfy the most skeptical.

Second, the food value of the fruit is the main basis for the foregoing statement. It presents in a most easily digested and assimilated form as high as 12 to 18 per cent of fat, which places the fruit in a class with the staple food products, instead of being a mere luxury as is the case with many fruits. The taste for the Avocado is not always acquired upon first trial, but a few repetitions are usually sufficient to make any one extremely fond of it. The price is now prohibitive to most and only a few have had opportunity to acquire the taste, but as the production becomes greater and the price lower, an almost unlimited demand will be created throughout the whole country. Culture of the fruit in the United States will be restricted to limited areas in Southern California and South Florida, and consequently the danger of over-production will be eliminated. As rapidly as price and production will permit, the Avocado will become an important and indispensable part of the daily food of the majority of the people of the United States.

The following budded varieties are all desirable:

Blake. A green variety, about 6 inches long, conical, of very fine quality; ripening from September to December, prolific bearer, and extremely hardy. \$3.00.

Fowler. A green fruit, oval-shaped, of the very finest quality. This variety seems to be an almost perpetual bearer, fruits having been picked from the parent tree from April to December. \$3.00.



Taft Avocado.

Northrup. This is a fine purple variety, fruits weighing about $\frac{3}{4}$ lb., smooth flesh, without fibre, comparatively small seed and of fine quality. This is also a hardy tree and a prolific and early bearer. We have some fine trees over 3 feet high of this variety. \$5.00.

Taft. This is perhaps the finest variety that has appeared locally. A large, thick-skinned, green variety, fruits weighing from 1 to $1\frac{1}{2}$ lbs. each; flesh of finest quality and seeds small. Trees 2 to 3 feet. \$5.00.

Meserve. A thick-skinned type, almost perfectly round. A superb fruit maturing in April and May. \$5.00.

Dickerson. A thick-skinned type, ripening in April and May; a prolific bearer and vigorous growing, hardy tree. \$5.00.

Harmon. This is a smooth-skinned green fruit, very prolific, of good quality. Fruits weigh from $\frac{1}{2}$ to $\frac{3}{4}$ of a pound. \$3.00.

These are the main tested varieties which we can recommend to all planters.

The Blake and Fowler have shown their wonderful hardiness the past winter, being planted in the open without any protection, and have come through with hardly a touch of frost, orange trees in the same vicinity being badly frozen.

THE FEIJOA

FEIJOA SELLOWIANA

In the opinion of a great many fruit experts, this is the most desirable fruit introduction in many years. It was unknown to horticulture prior to 1890, when it was discovered in Uruguay. From there it was taken to France, and from that country it was introduced to California four or five years later.



Feijoas. Larger Than a Hen's Egg.

This is a large ornamental, evergreen shrub, particularly charming when in flower. We consider that as an ornamental alone it should receive the highest consideration, but its real merit also



A Field of 5000 Feijoas.



Feijoas Usually Bear in Clusters.

lies in its aromatic fruits, which ripen from November to February. The fruits vary in size and its few seeds are as small as fig seeds. The flavor has been described as a mingling of pineapple, banana and raspberry. It is a fruit which can be used for every purpose that an apple is used. It makes a beautiful transparent jelly and of a flavor second to none.

We really feel that too much cannot be said of this plant, and we confidently predict that it will be planted in thousands of acres for commercial purposes, and surely no home collection of plants is complete without from one to a dozen of these plants.

The Feijoa is the hardiest evergreen plant, aside from a conifer, that we know, having withstood a temperature of four degrees above zero in Oregon without injury. It is also extremely drouth resistant. A plant in Santa Barbara, standing on a rock hillside that has no irrigation or cultivation whatever, fruits regularly. We recommend, however, that

the best culture be given it, as it responds, in growth and quality of fruit, to good treatment. A single plant in Pasadena the past year yielded more than 60 pounds of fruit. The only variation that we have noted in varieties, is in regard to size of fruits. The Hehre bears very large fruits, averaging from 2 to 4 inches long, while the ordinary seedlings bear smaller fruit, but all having the same delicious flavor.

We have a fine stock and are prepared to give estimates on 2-year, field-grown plants by the thousand. Single plants 50c to \$2.00.

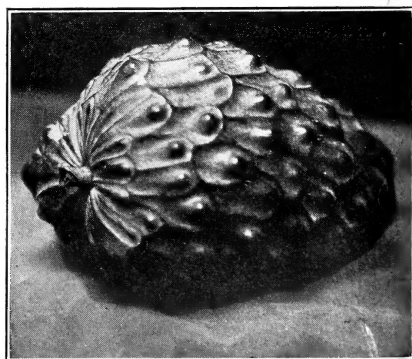
THE GUAVA

Guava lucidum. This we consider, by all odds, the finest guava yet introduced into California. It is a yellow strawberry guava, immensely prolific and of most delicious flavor. It begins bearing very young and bears two or three crops per year. About the only guava in our collection that escaped serious injury by frost the past winter. Fine plants 35c, 50c, 75c.

Guava araca. Another yellow strawberry guava; fruits very large, ripening late; fine for jellies. 50c.

Guava Guinense. The large guava of the tropics. 25c.

Guava laurifolia. A very rare guava, distinct in foliage and fruit. \$1.00.



Annona Cherimoya.

Anona cherimoya. Commonly called Custard Apple. A beautiful tree producing large fruits of a delicious custard nature. 25c to \$1.50.

Casimiroa edulis, or White Sapota. A handsome large evergreen tree that produces finely flavored fruits of irregular sizes and shapes. 50c to \$1.50.

Mango Philippensis. A fine large variety of Mango adaptable to sections of little frost. \$1.00.

THE EUGENIA

Eugenia jambos. "Rose Apple." A very pretty evergreen tree, charming in flower and producing fruits about the size of a loquat and of a most pronounced rose flavor. 50c to \$1.50.

Eugenia jambolana. A larger tree than the above but produces smaller fruits. \$1.00.

Eugenia pitanga. A small evergreen shrub producing a delicious small acid fruit. 50c.

Eugenia myrtifolia. A beautiful ornamental, tall, narrow tree. The small dark red fruits make good preserves. 25c to \$5.00.

Eugenia latifolia. An extremely rare variety, similar to above except that the foliage is larger and the fruits are as large as small plums. \$1.00.

Eugenia Hookeriana. Another very rare Eugenia with foliage similar to above, said to bear a superb fruit. \$1.00.

Eugenia Ugni. "Chilean guava." A fine-leaved, low-growing sort, producing a small fruit like a huckleberry; of delicious quality. This plant should be placed in partial shade and be given plenty of water in growing season. \$1.00.

Eugenia apiculata. A very pretty small leafed, compact growing shrub, producing fruits of no particular value but very ornamental. \$1.00.

MACADAMIA TERNIFOLIA

Macadamia ternifolia. "Queensland Nut." This is a beautiful evergreen tree from Australia that should be in every plant collection in a section where it thrives. It is a good sized tree, of glossy holly-like foliage, showy in flower and



Macadamia Ternifolia.

producing nuts in clusters of from five to fifty. The nuts are perfectly round, about an inch in diameter, and contain a single white kernel something like a Brazil nut but much more delicate in flavor. The tree is not entirely hardy and we would not advise planting it in sections where the mercury goes below 28 degrees. \$1.00, \$2.50, \$3.50.

The Eugenias are all choice ornamentals and are really more valuable as such.

MISCELLANEOUS FRUITS

Aberia caffra. "Kai Apple." A large thorny shrub producing yellow fruits from 1 to 2 inches, tart and esteemed highly for jams and jellies. 50c to \$1.50.

Ananas sativa. This is the real pineapple of commerce, which in some locations in California will fruit. We have some strong plants in the better varieties. \$1.00.

Aralia Cordata. "Udo." A Japanese vegetable suitable for wide cultivation for its blanched edible shoots. Plants grow bushy and yield these edible shoots for nine years. They should be blanched the same as celery. To cook—peel, slice into ice water and serve with French dressing or stew and serve like asparagus. 25c to \$2.50 per dozen.

Capparis spinosa. This is the real caper of commerce. A most charming trailing plant. 50c.

Carica papaya. A large-leaved, hand-some tree producing large melon-like fruits. It is claimed that if the toughest beefsteak be wrapped in the macerated leaves of this plant it will become tender. For frostless locations only. 50c.

Carissa acuminata. A small-leaved sort producing smaller fruits and flowers than the above. 50c to \$1.00.

Carissa grandiflora. A charming evergreen, low-growing shrub producing, for most of the year, chaste white flowers with the odor of the jasmine. The fruit is bright crimson, the size of a small plum, and makes superior jelly and sauces. 50c.

Castanospermum Australe. "Moreton Bay Chestnut." Unquestionably one of the handsomest trees in cultivation; very showy with its long spikes of scarlet flowers, with seeds resembling chestnuts. The large pinnate foliage looks as though coated with varnish. Fine trees. \$1.00 and \$3.00.

Cocos eriospatha. It is not generally known, but it is a fact, that some of our beautiful palms produce in abundance a fruit that is quite delicious fresh and that makes very fine jelly. *Cocos eriospatha*,

one of the *Australis* types, is one of the best of the fruiting sorts. We have no hesitation in recommending this either as an ornamental or fruiting plant. \$2.00.

Corylus. (Filberts.) We have a number of varieties of the choice English cobnuts which succeed nicely, especially in the coast region. 50c.

Corylus Americana. The Eastern wild hazelnut. Large plants. 50c.

Crataegus Sp. This is the real Eastern red haw. The fruit is of really good edible quality and the plant worthy a place in all collections. Large plants \$1.00.

Cyphomandra betacea. "Tree Tomato." Very ornamental plant producing good salad fruits. \$1.00.

Flacourtia ramontchi. "Governor's Plum." A very pretty evergreen tree said to produce fairly good fruits. \$1.00.

Harpephyllum caffrum. An extremely beautiful evergreen tree that bears plum-like fruits. For sections of light frost. \$2.00.

Ponderosa lemon. A lemon larger than the largest grapefruit. Good for all ordinary uses of the lemon, or can be eaten as grapefruit. 50c to \$1.50.

Rubus ellipticus. A Himalayan evergreen raspberry. A desirable subject as an ornamental and also for its fruits, which are delicately flavored yellow raspberries. 50c.

Sesidium edule. "Chayote." A very rank growing vine producing fruits not unlike summer squash but of a more delicate texture and flavor. 35c.

Solanum Guatamalense. "Pepino." A nice salad fruit possessing a decided muskmelon flavor. 50c.

Variegated orange. A very pretty white and green foliaged orange, producing good fruits which are also variegated. \$2.50.

Zizyphus sativa. A small evergreen shrub bearing date-like fruits. Very fine for confections. \$1.00.

RARE ORNAMENTAL SHRUBS AND TREES

All of the foregoing list of fruiting plants should also be considered as very fine ornamentals. The following, while not fruit bearing, are among the choicest and rarest extant in California.



Colletia Ferox.

Acacia podaliriaeifolia. Surely the handsomest of all flowering acacias. \$1.00 and \$1.50.

Acacia pravissima. A charming shrub. \$1.00.

Alectryon excelsum. A very ornamental tree; rare. \$2.00.

Araucaria Cunninghamii glauca. A beautiful silvery type of the Norfolk Island pine. Fine trees \$5.00.

Arbutus Unedo. "Strawberry Tree." This is a very ornamental tree or large shrub, bearing white bell-like flowers and later covered with myriads of bright crimson fruits that are edible and somewhat resemble strawberries. 50c.

Bauhinia Candida. Similar to above, but producing pure white flowers. 50c.

Bauhinia Purpurea. A very interesting tree, having butterfly-like leaves and producing charming orchid-like flowers of exquisite fragrance. \$1.00.

Bouvardia. We have, in this charming plant, the red and both the single and double varieties of white and pink; ever-blooming. 50c to \$1.00.

Carpenteria Californica. This native is one of the real choice flowering evergreen shrubs. A pretty spreading plant producing large waxy, white flowers with yellow stamens and of the most exquisite fragrance. It delights in a semi-shady situation. 50c.

Cassia artemisoides. A very early yellow flowering shrub of great beauty. Fine silvery foliage. The best of our winter flowering shrubs. 50c.

Cassia splendida. The most showy of all the yellow flowering shrubs. The individual flower is more than two inches in diameter and borne in immense panicles. Very choice. \$1.00.

Cedrus deodara aurea pendula. A beautiful golden pendulous type of this desirable conifer. \$1.00.

Choisya ternata. One of the best evergreen white flowering shrubs. Almost always in bloom. 50c.

Cistus alba. A pure white sort. 50c.

Cistus maculata. The rock rose. This variety is snowy white with crimson rays in the center. 50c.

Cistus purpurea. A purple variety. 50c.

Colletia ferox. A very curious plant. Grows into large shapely shrub covered in winter with white bell-like flowers. 50c.

Cornus capitata. This is an evergreen dog-wood, charming when laden with white flowers, but more conspicuous during the winter when the tree is completely covered with its large red fruits. \$1.00.

Cotoneaster Francheti. This is one of the largest growing species, making small trees. Similar to the others, it is most conspicuous when covered with its berry-like fruits. \$1.00.

Cotoneaster frigida. A tall growing variety, pretty with its white flowers and very showy during the fall and winter when covered with red berries. \$1.00.

Cotoneaster horizontalis. The best one of the family. Low growing, perfectly charming in the spring when covered with bright pink flowers, and very noticeable in fall and winter when laden with scarlet berries. 50c.

Cotoneaster microphylla. This is another interesting member of that most interesting family of rockery plants. It is a small leaved, low-growing shrub with pretty white flowers and myriads of pinkish-crimson berries. 50c.

Crataegus crenulata. Too much cannot be said of this beautiful hardy shrub. A true evergreen, withstanding the coldest weather; beautiful in the spring when covered with white flowers, but perfectly stunning throughout the winter, laden with its masses of scarlet berries. 50c to \$1.00.

Dimorphotheca Ecklonis. A charming blue-eyed snowy white daisy; always in bloom. 25c each; \$2.00 per dozen.

Duranta Plumieri. "Golden Dewdrop." A splendid shrub producing lovely blue flowers, followed by clusters of golden berries. 50c to \$1.00.

Duranta Plumieri alba. Similar to above, except that it produces pure white flowers. 50c.

Duranta Plumieri variegata. Beautiful yellow and green foliage and blue flowers. 75c.

Elaeagnus Simoni. This is an attractive evergreen shrub with peculiar mottled stems and foliage. Fine for rockeries or in the shrubbery. 50c.

Erica melanthera. One of the finest of the heaths which grows into a large shrub. From November to April the plant is a mass of delicate little pink bells. 50c.

Erica persoluta alba. Another very fine heather almost as showy as the former. Flowers are white. 50c.

Escallonia Montevidensis. This is unquestionably the best white variety. Flowers continually in immense clusters of pure white blossoms. \$1.00.

Escallonia Rosea. Similar to above except that it bears pink flowers. 50c.

Escallonia rubra. Red flowering sort. 50c and \$1.00.

Escallonia sanguinea. A beautiful red flowering shrub of glossy green leaves. 50c.

Eucalyptus linearis. The most beautiful of all eucalyptus trees in foliage. \$2.00.

Gardenia Florida (The Cape Jasmine). This is justly appreciated as one of the choicest shrubs in cultivation. Its large waxy white flowers are exquisitely fragrant. 50c.

Grevillea Hilliana. A wonderfully interesting skeleton-leaved plant. 50c to \$2.00.

Grevillea Thelemanniana. Pretty fern-like foliage and coral colored flowers. A continual bloomer. 50c.

Hakea saligna. No collection of ornamentals is complete without this large shrub. All through the year the tips of the leaves are bright dark crimson. 50c and \$1.00.

Hedysarum coronarium. A very interesting small rockery plant. Pretty foliage and very attractive with its racemes of pink pea-like flowers. 25c.

Heteromeles arbutifolia. Commonly called the California Holly. A very desirable evergreen ornamental that is not seen in our gardens as frequently as it ought to be. 50c and \$1.00.

Hydrangea. "Mme. Moulliere." Very large panicles of large, beautiful white flowers. The finest of the new hydrangeas. \$1.00.

Hymenosporum flavum. A beautiful tree, producing quantities of bright yellow flowers. Very fragrant. \$1.00.

Hypericum Henryi. A very pretty upright growing shrub attaining a height of 6 feet. Flowers perpetually, similar to *Hypericum Moserianum*. 50c.

Leptospermum lanigerum. A new one of these choice hardy shrubs. Foliage finer than the above and flowers larger. 50c and \$1.00.

Lyceum Chinensis. One of the showiest large shrubs, producing continually thousands of bright scarlet fruits. 50c.



Moschosma riparium.

Hypericum Sp. This the largest flowering sort. The beautiful yellow flowers often measure 3 inches in diameter. 50c.

Jacaranda mimosaeifolia alba. A beautiful white variety of this charming tree. \$1.00.

Jacobinia magnifica. This plant with its waxy begonia-like leaves and spikes of bright crimson flowers is a very attractive garden subject. 50c.

Leptospermum laevigatum. Not exactly a rare plant, but one of the best. This is a beautiful large weeping shrub of grayish green foliage. 25c to \$1.00.

Lotus Jacoboeus Bronze. A beautiful shrub with grayish-green foliage which bears pea-like flowers of dark, rich brown color. 50c.

Lyonothamnus floribundus. This is one of the rarest trees in the world. Said to be found only on the Santa Barbara Island. Beautiful fern-like foliage and white flowers. Fine plants. \$1.50.

Moschosma riparium. A very beautiful winter flowering shrub. Its thousands of white spikes are similar to the Spirea. Not entirely hardy; should be planted in sections of light frost. 25c.

Mackaya Bella. A very fine shrub, producing delicate blue flowers. For shady situations. 50c.

Macrozamia. A charming cycad. The curved and twisted dark green foliage makes it a conspicuous plant in any collection. \$1.00.

Marguerite. "Mrs. Sander." A beautiful double white very large Marguerite. 15c each, \$1.50 doz.

Melaleuca leucodendron minor. A beautiful small-leaved bottle brush. 50c.

Myrtus communis variegata. This is a very pretty form of the myrtle with beautiful yellow, white and green variegated foliage. Seems to stand the sun without burning. 25c to \$1.50.

Nandina domestica. A very pretty plant, growing something like a bamboo. Has showy white flowers and bright crimson berries. 50c.

Olea fragrans. One of the best of our white flowering shrubs. Blooms practically all the time. Very fragrant. \$1.00.

Paratropia. A very pretty Aralia-like plant; large, glossy leaves; fine for vases or garden planting. \$1.00.

Parkinsonia aculeata. One of the very interesting and beautiful yellow-flowered trees that has not become as common as one might expect. Good plants. \$1.00.

Persea Indica. A beautiful evergreen tree bearing small fruits of no value. \$1.00.

Pinus pinea. The Italian umbrella pine. \$1.50.

Pittosporum phylliraeoides. This is a rare, beautiful weeping tree, resembling a weeping willow, but evergreen and produces sweet-scented cream-colored flowers. \$1.00 to \$3.00.

Pittosporum rhombifolium. One of the best of the family. Large tree, very pretty in flower and unusually attractive when full of large clusters of golden berries. \$1.00.

Pleroma splendens. This is one of our beautiful ornamentals that we have never been able to get a sufficient stock of. As a foliage plant we know of nothing prettier. Its leaves look as if they might have been cut out of bright green velvet. In the earlier stages of its growth the leaves are margined with crimson.



Pleroma Splendens.

The flower, which is from two to three inches in diameter, composed of five petals and very interesting curved stamens, is of an intense royal purple. 50c to \$2.00.

Podocarpus. A very fine Japanese conifer. \$1.00.

Solanum marginatum. A very ornamental, large silvery-leaved plant. 25c to \$1.00.

Solanum Rantonnetti. Deep blue, attractive flowering shrub. 50c.

Solanum pyracanthum. A very striking plant. Its yellow stalks and leaves are covered with myriads of yellow thorns. 50c.

Solanum robustum. A large-leaved, tropical looking plant, growing into a veritable tree. 50c.

Sterculia diversifolia. "Joseph Sexton." This wonderful scarlet flowering tree originated near Santa Barbara. Seems to flower most of the year. \$5.00.

Strobilanthes dyerianus. Charming purple and bronze foliated plant. 50c.

Strobilanthes isophyllus. A narrow-leaved variety, good for rockeries. Spikes of lilac colored flowers. 25c to \$1.00.



Sterculia.

Teucrium Fruiticosa. A pretty silvery leaved shrub producing light blue flowers in the early spring and summer. Fine for rockeries. 50c.

Tillandsia. This is a very interesting orchid-like plant. The clusters of flowers are a curious combination of colors—pink, blue, yellow and green. 50c.

Thevetia nereifolia. Another very choice yellow flowering evergreen, sometimes called the yellow oleander. Very curiously constructed flowers, the stamens and pistils being closed in the tube of the flower. \$1.00.



Thevetia Nereifolia.

Toxicophlaea spectabilis. A very choice bronzy leaved shrub, producing beautiful white flowers of exquisite fragrance. \$1.00.

Tristania conferta. A very large, quick growing tree with interesting cream-colored flowers. \$1.00.

Ulex. This is the old-fashioned English gorse. A very interesting plant, covered, in the Spring, with a mass of yellow flowers. 50c.

Ulmus Chinensis. Evergreen Elm. This is a very rare small-growing tree from China, very beautiful. 50c to \$2.50.

A FEW DECIDUOUS TREES AND SHRUBS NOT COMMON

Albizia julibrissen. This is a very pretty pink flowering acacia, really one of the showiest flowering trees. A place can well be afforded it, although it is devoid of foliage for two or three months in the year. Fine trees. \$1.00.

Calycanthus Floridus. The Florida sweet shrub. The leaves and chocolate-colored flowers are very aromatic. 50c.

Cerasus Japonica. Japanese double-flowering cherry. \$1.00.

Cercis Canadensis. The Judas tree. Nothing is more showy than this deciduous tree in the early spring when it is literally covered with bright pink buds before the leaves appear. 50c.

Colutea arborescens. The duck plant. The seed pods are perfect miniature ducks and the ladies like them to place in the finger-bowls. Very attractive yellow flowers. 75c.

Cydonia Japonica. Japanese flowering quince. 50c.

Indigofera dosua. One of the indigo plants. Low growing, of fine fern-like foliage and covered, for most of the spring and summer, with beautiful pink pea-like flowers. \$1.00.

Malus purpurea floribunda. This is a very rare and beautiful red flowering crab-apple. Very ornamental in flower or fruit. A great novelty. \$1.50.

Prunus Pissardi Vetchi. This is a purple-leaved plum, producing large double pink flowers. Very choice. \$1.00.

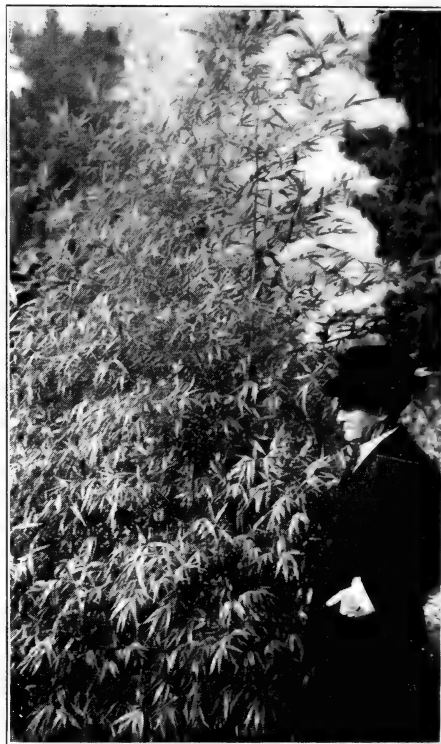
Sassafras. A very beautiful and interesting tree. The bark of the root is the commercial sassafras. \$1.00.

THE BAMBOO

We consider that no landscape is complete without a number of the finer bamboos and grasses. Among the handsomer ones are the following:

Arundinaria falcata. A very fine bright green foliage sort. Best in partial shade. 50c to \$3.00.

Arundinaria Hookeriana. About 20 feet high, dark green foliage. \$1.00 to \$5.00.



Phyllostachys Castillonis.

Arundinaria Fortunei. A striped-leaved dwarf. Grows about 2 feet high. 50c to \$2.00.

Arundinaria Fortunei. A striped-leaved variety with pretty variegated foliage. 50c to \$3.00.

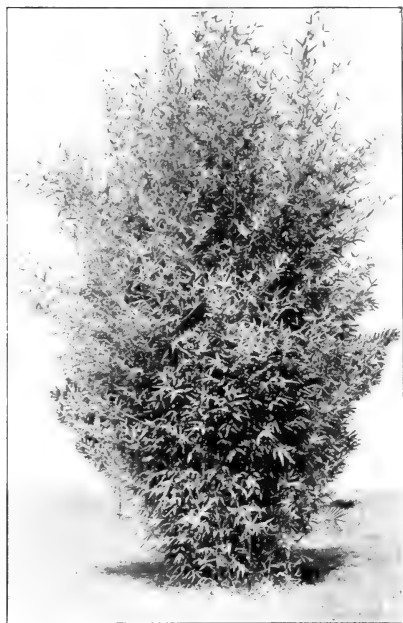
Bambusa Argentia. Another very graceful variety. \$1.00 to \$5.00.

Bambusa Argentia minor. Similar to above, but with finer foliage and smaller canes. \$1.00 to \$3.00.

Bambusa vulgaris. The weeping giant. Very handsome. \$1.50 to \$10.00.

Bambusa vulgaris striata. Similar to above except that the canes are beautifully striped with green. \$2.00 to \$5.00.

Bambusa Alphonse Carri. One of our choice varieties. Fine fern-like foliage and very pretty striped canes. \$1.00 to \$5.00.



Phyllostachys Nigra.
"Black Bamboo."

Bambusa gracilis. A very fine foliage. \$1.00 to \$5.00.

Bambusa metake or Japonica. Large leaf. 50c to \$2.00.

Dendrocalamus latiflorus. The straight, tall giant. \$1.50 to \$10.00.

Phyllostachys aurea. The straight-growing one, most common. 50c to \$3.00.

Phyllostachys Castillonis. This is surely a beauty. Most beautiful yellow and green variegated foliage and canes. \$1.50 to \$5.00.

Phyllostachys nigra. The black cane variety. \$1.00 to \$5.00.

Phyllostachys viridi glaucescens. The fish pole bamboo. \$1.00 to \$2.50.

Bamboos are to be among our leading specialties and within another year we expect to have at least 30 varieties to offer.

ORNAMENTAL GRASSES

Carex Japonica. A very ornamental, low-growing, striped grass. 25c.

Cyperus alternifolius. A tall umbrella grass. 35c.

Cyperus nana. This is the real dwarf umbrella grass, growing only about a foot high. 25c.

Cyperus papyrus. "Papyrus antiquorum." A stately grass, four to eight feet high. Requires abundance of water. 35c and 50c.

Cyperus species. A quick low-growing umbrella grass. 35c.

Eulalia gracilllis. A very pretty glaucous green grass with white mid-rib, pink blossoms. 25c and 50c.

Eulalia zebrina. Beautiful tall grass with yellow splotches on the blade. 50c.

Festuca. A very fine tufted grass. 25c.

Festuca glauca. Silvery-gray tufts, fine for borders or rockeries. 25c each, \$2.00 doz.

Pampas. We have both white and pink varieties. 50c. Bamboo and ornamental grasses are among our specialties.

Panicum plicatum, or Palm Grass. A striking wide fluted-leaved grass that makes pretty specimens. 25c.

Thyrsolanis agrostis. This large Indian grass grows to a height of 10 feet. Its broad green foliage is very tropical in appearance. \$1.00.

TRAILING AND CLIMBING PLANTS

Acaena microphylla. A charming fern-like vine, fine for rockeries or basket work. 25c.

Ampelopsis sempervirens. A beautiful evergreen vine for covering walls or pergolas. 50c.

Antigonon leptopus. "Rosa de Montana." This is a strong growing vine, producing a mass of pink flowers during the summer. One of our showiest. 50c.

Beaumontia grandiflora. A beautiful strong growing evergreen, producing enormous white, sweet-scented, tubular flowers. \$1.00.

Bignonia cherere. The finest of the evergreen trumpet vines. Beautiful foliage, large red flowers almost continually in bloom. 50c and 75c.

Chorizema ilicifolia. This is a plant with holly leaves producing long racemes of bright scarlet flowers. Quite a free bloomer. 50c.

Cissus rhombifolia. This is a very pretty evergreen vine. Fine for window-boxes, baskets, etc. 25c and 50c.

Clanthus puniceus. This is a pretty shrubby climber, producing great scarlet flowers. 50c.

Dioclea glyceroides. A dainty little climber, producing very pretty crimson flowers like the pea flower. 50c.

Jasmine primulinum. A fine yellow, winter flowering, strong growing plant. 50c.

Pithecoctenium muricatum. A strong-growing vine of the bignonia family. Flowers white with yellow throat, borne in clusters. A constant bloomer. 50c.

Lopezia. The Mosquito Plant. This winter-flowering trailer is surely rightly named, as the myriads of little delicate pink flowers closely resemble mosquitoes in shape. An extremely beautiful plant. 25c and 50c.



Lopezia. "Mosquito Plant."

Muehlenbeckia complexa. The Wire Plant. This is sometimes called the Maidenhair fern vine, as it resembles this fern when massed against a wall or trained up. 25c and 50c.

Philadelphus Guatemalensis. This is an evergreen climbing syringa. Flowers like the typical bush syringa, only more fragrant. A beautiful winter blossoming, rank growing vine. 50c.

Sollya heterophylla. A splendid glossy green, rank growing plant, bearing, for most of the year, light blue bell-like flowers. 50c.

Vitis capensis. An evergreen grape; one of the finest vines for pergolas and arbors. 25c to \$1.00.

Vitis Baudiniana. Another evergreen grape; strong grower and fine for same purposes as above. 50c.

FERNS



Lastrea Lepida, *Nep. Harrisi* and Other Ferns.

We think that we have the largest variety of evergreen ferns, adaptable for planting in the open in California, of any nursery in the state. We have, in our collection, over a hundred varieties, all of certain merit for their beauty and hardiness. We mention a few of the rare ones herewith:

Cyrtomium Rochfordianum. This a large-leaved holly fern, quite distinct from the old type, having larger pinnae which are much more notched. A very hardy fern, withstanding a temperature of 20 deg. without injury. Fine plants. 50c and \$1.00.

Lastrea lepida. A perfect beauty, with its skeleton foliage growing into pretty rosettes. 50c to \$1.50.

Nephrolepis elegantissima compacta. A very pretty, low, compact form of this fine fern. 25c to \$1.00.

Nephrolepis Harrisi. A distinct improvement on the Boston fern. The pinnae are crinkled and wavy. Fronds grow to great length, making one of the most graceful of the ferns. 50c to \$5.00.

Nephrolepis Moss Queen. This is the finest of the ostrich-feather type of ferns, the pinnae being so finely divided as to give the plant the appearance of moss. 50c to \$3.00.

Nephrolepis superbissima. A very dark green, upright growing fern. 50c to \$2.00.

Polystichum plumosum Densum. A fern of wonderful beauty. The long, dense, plume-like fronds are something unknown in other ferns. Small plants. 50c.



A Fern Nook.

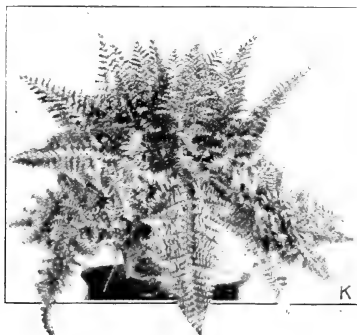
Pteris Drinkwateri. A handsome dark foliaged fern of positive merit. 50c.

Pteris flabellata. Another very interesting Pteris of dark green foliage. 50c to \$1.00.

Pteris Childsi. A beautiful crested fern. 50c to \$1.00.

Scolopendrium marginatum. An interesting type with the margin of the fronds crinkled and ruffled. 25c to \$1.00.

Scolopendrium vulgare. The old English hart's tongue. 25c to \$1.50.



Nephrolepis Elegantissima Compacta.

BEGONIAS.

We have a fine line of fibrous and Rex begonias of many varieties. Prices 15c to \$1.50.

We are importing seed of improved varieties from Europe, and shall be able to offer, later, many new varieties.



Fibrous Begonia.



LIST OF ROSES

1913

It is a well substantiated fact that in no class of plants has greater progress been made, in the last ten years, than with the queen of flowers, the rose.

We keep closely in touch with the leading rose hybridizers of both Europe and America, and take great pride in presenting to our customers several new roses obtained from France and Germany, of superior merit.

In presenting this list of roses we purposely omitted naming many of the old favorites, believing that the public knows them too well for us to waste the space describing them.

Among those of most recent introduction are the following:

Jonkheer J. L. Mock. A magnificent, very large rose, borne on a strong stiff stem, the under side of the petals being a beautiful cherry red, while the upper side is a soft La France pink. This superb rose is really in a class by itself. A good grower, splendid foliage; without a question one of the greatest roses ever introduced. \$1.00.

His Majesty. A splendid, deep red rose with gracefully fluted petals; very fragrant. \$1.00.

The Lyon Rose. If you haven't seen the "Lyon," the greatest surprise is in store for you. Rosarians are claiming that this is the finest rose produced during the past twenty-five years. It has been described as a shrimp pink shading to a yellow. A good plant, a most profuse bloomer of the very largest sized flowers, charming in bud and fairly bewitching in flower. \$1.00.

Eugene Furst. Strong growing, hybrid perpetual. In this rose we have one of the most distinct and valuable of garden roses. It is a large and full fine-formed rose. Color deep red, shaded to crimson. \$1.00.

Edward Mawley. This is unquestionably the finest red rose yet introduced. Enormous flowers, of a deep velvety red, which retain their brilliant color until the last petal has dropped off. \$1.00.

Louis Barbier. A distinct novelty which has been called an apricot-colored Cherokee. It is not a true climber, however, but is positively charming as a rank growing bush rose when covered with its beautiful single flowers. \$1.00.

Radiance. A splendid new pink flower of the shape of Papa Gontier. Bush a good grower and free bloomer. 50c and \$1.00.

Margaret. Beautiful, long, pointed bud. Light pink, superb as a bud or full-blown rose. 50c and \$1.00.

Rose Queen. Beautiful, long pointed bud; bright rosy pink. Semi-double when full-blown, showing stamens. Mentioned as a candidate for the perfect rose. Surely a beauty. 50c and \$1.00.

Sunburst. Introduced in 1912. This is a grand apricot-yellow rose; beautiful buds and flowers; large and full and very fragrant. 50c and \$1.00.

Wichmoss. Here is a beautiful novelty—a climbing moss rose. The buds are covered with beautiful green moss, the flowers are borne in clusters and are a daybreak pink, semi-double and of exquisite odor. 50c and \$1.00.

Rosalind Orr-English. Not entirely new, but a superb rose of splendid form, both in bud and when full-blown. Deep pink, the petals faintly margined with white. 50c.

Jules Grolez. "The Red Kaiserin." This is surely a prince of a rose; fine bud, beautiful fluted petals of a very deep rosy pink. 50c.

Dean Hole. One of our favorites and surely a top-notch. Beautiful blotched deep pink. 50c.

Mrs. Aaron Ward. This rose is a real joy to the possessor. One of our most delightful roses in recent years. Coppery orange in the open bud, golden orange when partly developed, pink fawn of lovely shade when fully open. 50c.

Mrs. Arthur Waddell. Rosy, scarlet buds, opening reddish salmon. 50c. Small plants 25c.

La Detroit. A charming pink rose, good substantial bush. 50c.

Mme. Jennie Gillemot. Long, pointed bud, beautiful yellow. 50c.

Frau Karl Druschki. The finest large white rose known. 50c.

Perle Von Godesburg. The Yellow Kaiserin. 50c.

Persian Yellow. The old-fashioned, hardy yellow rose. 50c.

Mme. Leon Pain. Beautiful pink, shaded to copper. 50c.

Antoine Revoire. One of the finest of the delicate pink shaded to fawn roses in cultivation, the petals being heavy and waxy. Flower has splendid keeping qualities and is a good grower. 50c.

Prince de Bulgaire. It would be impossible to speak too highly of this beautiful rose. Outer petals delicate pink, shaded to rosy apricot in the center. 50c.



Prince de Bulgaire.

Wellesley. Beautiful shell pink. 50c.

Etoile de France. The only real good red rose in hot weather. 50c.

Gen. McArthur. Considered about the best red rose yet produced; exquisitely fragrant. 35c.

Vis. Folkstone. 35c.

Theresa Fautina. A dainty little rose, shading from delicate pink to deep apricot at the throat. One of the choicest of the small-flowering roses. 50c.

Souv. du President Carnot. 50c.

Yellow Carnot. Similar to above, but a light lemon-yellow. 35c.

White and Pink Maman Cochet, Ulrich Brunner, Kaiserin, Mme. Abel Chatenay and all the old favorites, each 35c. \$4.00 per dozen.

POLYANTHA ROSES

No more interesting and beautiful roses are to be found than some of the new Polyanthas. We desire to call attention to some of most recent introduction that are perfect charmers, being hardy and blooming so freely that no more desirable plant could be found for beautiful hedge effects. Of the finer 1911 introductions, we wish, particularly, to call your attention to the first four in this list.

Bordure. Deep rosy pink flowers about the size of a silver quarter, borne in immense panicles; the bush being fairly covered the year round with these charming little roses. Very dwarf, growing only about 15 inches high. \$1.00.

Maman Turbet. This is positively the finest Polyantha that we have seen. Flowers about the size of a Cecile Brunner, of a most beautiful shell-pink shade, borne in very large clusters. Bush, good grower and perpetual bloomer. \$1.00.

Orleans. Another little charmer. Flowers semi-double, beautiful red with white eye. As is the case with the others, it is a very free bloomer, bearing large clusters. \$1.00.

White Cecile Brunner. A snowy white type of this old favorite. \$1.00.

Schneewitchen. A miniature ivory-colored rose with stamens of brightest yellow. Of perfect form and exquisite fragrance. 50c.

Leone Lamesch. A wonderful variegated rose; all shades in pink, red and yellow; a constant bloomer and a fine bush. 50c.

Eugenie Lamesch. Another variegated Polyantha, shading from orange to lemon yellow. Free bloomer. 50c.

Yvonne Rabier. Charming white cluster Polyantha. 50c.

Cecile Brunner. This old favorite is too well known to need any description. 35c and 50c.

Perle d'Or. An apricot-colored Cecile Brunner. 50c.

By the fall of 1913 we will have most of these new Polyanthas in quantities to sell at attractive prices for hedge purposes.

CLIMBING ROSES

SOME NEW CLIMBERS.

Delight. Have you seen the Eastern wild crab-apple blossom? In this rose you have it typified. Borne in immense clusters, the beautifully curved petaled flowers, deep pink with a white eye and yellow stamens, make a flower of indescribable attractiveness. Plant a very strong grower, absolutely immune to mildew or other disease, it is by all means considered one of the great novelties of the age. Nothing better for hedges or covering banks. Strong plants \$1.00, smaller ones in quantities at an attractive price.

Diabolo. This is the nearest a scarlet rose as we have yet seen; surely a great novelty. A single rose with the most vivid red petals and a white eye; a rank grower, apparently free from mildew and blight. 50c and \$1.00.

Duchess d'Auerstaedt. The rose that will take the place of the Marechal Neil in California. A much more vigorous grower, with flowers of equal beauty. 50c.

Climbing Killarney. A strong growing type of true Killarney. Better foliage than the bush and flowers somewhat larger. A splendid new climber. 50c and \$1.00.

Kom W. Rautenstrauch. This is the freest blooming of all climbing roses. Color delicate salmon, with clear yellow center and outside of petals white; borne in trusses of about a dozen. A good grower and a first-class climbing baby rose. 50c and \$1.00.

Mamie. A good climber, producing flowers similar to Gainsborough, but a much better foliage and habit of growth. \$1.00.

Red Cherokee. This is the novelty of the season. A sport from the pink Cherokee, but a deep rosy red. Its beauty can only be appreciated by seeing the flowers. 50c and \$1.00.

Striped Reine Marie Henriette. One of the finest novelties. Beautiful, large pink and white striped flower. Bush stronger than Reine Marie Henriette. 50c and \$1.00.

Tausendschoen or Thousand Beauties. This is a vigorous, grand climber. Flowers with peculiar fluted petals, shading in color from deep pink to white. Borne in large clusters. Almost thornless. 50c to \$1.00.

Veilchenblau. The violet blue rose; quite a novelty and is the nearest approach in a real blue rose yet introduced. Strong plants. 50c and \$1.00.

Gainsborough, Pink and White Cherokee, Climbing Belle Siebrecht, Climbing Caroline Testout, Climbing Meteor, and all of the good climbing roses. 35c to 50c each.

SPECIAL ROSE COLLECTION.

1 dozen best roses—strong 2-year-old roots for \$1.50.

This offer is good only until March 15th.

- 1 Blue rose. Violet blue.
- 1 Delight. Beautiful deep pink with white eye.
- 1 Tausendschoen or Thousand Beauties. (Above three climbers.)
- 1 Peace. Beautiful cream color.
- 1 Ulrich Brunner. Fine red.
- 1 Gen. McArthur. Very fine everblooming red.
- 1 Dean Hole. One of our finest pinks.
- 1 Clara Watson. Delicate pink.
- 1 Antoine Rivoire. One of our very best light pink.
- 1 White Cochet.
- 1 Pink Cochet.
- 1 Belle Siebrecht. About the finest deep pink.

We are aiming to be the rose specialists of this section of the state and no expense will be spared to secure the best foreign and American introductions. We expect to offer, within a year, a number of our own hybrids of superior merit. We are sure that when you have seen the "Pasadena," "Jean Coolidge," "Marcia," and "Mrs. Charles Ray," that you will not rest until you have obtained them all.

In addition to the fruiting plants described in fore part of this catalogue, we carry a full line of citrus stock, including Navel and Valencia oranges, Marsh Seedless grapefruit, Eureka lemon, Imperial lime, Kumquat and Tangerines—and some fine budded loquats. We also have a very complete stock of deciduous fruits. All of the best peaches, plums, apricots, apples, pears, figs, quinces, grapes, berries, etc.

While we are specializing in plants out of the ordinary, intending customers will find every desirable plant to be obtained elsewhere, in our stock.

We highly appreciate the patronage we have received, and we wish to assure all old and new patrons that we are here to please, and of our continued efforts to offer the best plants to be obtained in California.



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